

Pathfinder Marking System

File: 8190-3-19

Location: Highway 2:30 (N. of Millet interchange on SBL)

Applied: October 1999

Evaluated: June 3, 2008



Pathfinder durable wet night marking surface applied adjacent to the west edge line in 1999. Pathfinder is still visible after nine years on this highly travelled roadway.

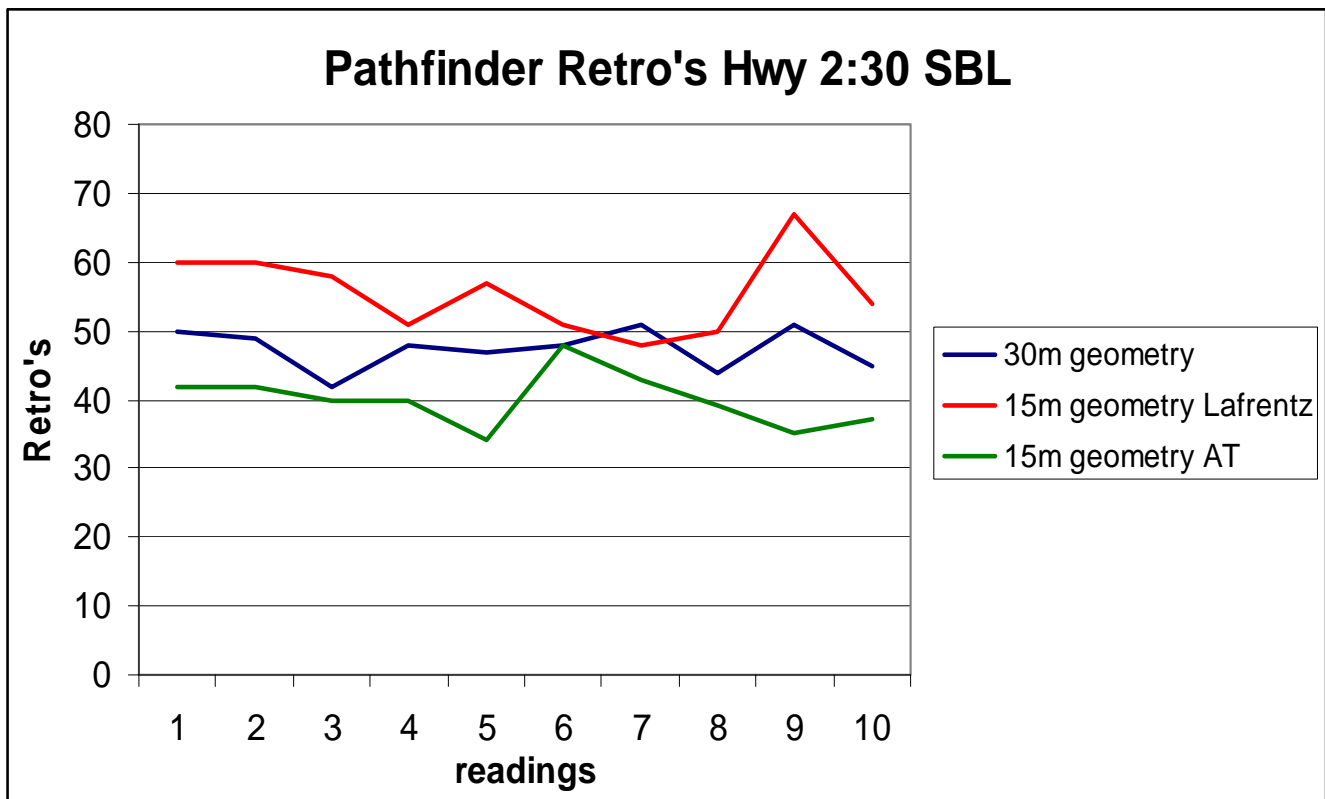


Close-up of the Pathfinder pavement marking, it is estimated that approximately 40% loss of material since 1999.

The Pathfinder Marking System is a structure marking profiled system that allows rain water to easily run off which exposes the higher build areas for continuous retroreflectivity under inclement conditions.

This marking was surface applied in 1999 adjacent to the W. edge paint line. There is approximately 40% loss of material that was observed. Retro-reflective readings were taken with the 30m geometry and the old 15m geometry for comparison purposes (see the attached retro-reflectivity chart).

The average retro-reflectivity using the 30m geometry is 47 millicandelas, which is fair after 9 years of service. The Pathfinder marking would have to be refreshed with traffic paint. Lafrentz has proposed to refresh this marking with traffic paint (some time in June) which I will evaluate its performance and effectiveness over time. Traffic volume at this location is approximately 18,000 AADT.



Prepared by: Joe Filice

cc: Roger Skirrow
Moh Lali
Bill Kenny